

Claims

1. Localization system, comprising:

- means for generating an energy field, wherein the energy field is formed by one or more pulse streams,
- at least one disrupting means for locally disrupting the energy field,
- detection means for detecting the local disruption of the energy field, and
- a control unit coupled to the detection means for localizing the disrupting means on the basis of the detected local disruption.

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2. Localization system as claimed in claim 1, characterized in that the means for generating the energy field are adapted to transmit pulse beams of a plurality of pulse streams, wherein at least two pulse streams of a pulse beam are oriented at least substantially parallel to each other.

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3. Localization system as claimed in claim 2, characterized in that each pulse beam comprises nine pulse streams, which pulse streams are oriented at least substantially parallel to each other.

20 4. Localization system as claimed in any of the claims 1-3, characterized in that the disrupting means is arranged on at least one object.

5. Localization system as claimed in any of the claims 1-3, characterized in that the disrupting means is arranged on an animal.

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6. Localization system as claimed in claim 5, characterized in that the disrupting means is arranged on a person.

30 7. Localization system as claimed in any of the claims 1-6, characterized in that the disrupting means is adapted to disrupt the energy field in unique manner.

8. Localization system as claimed in any of the foregoing claims, characterized in that the disrupting means is adapted to reflect the pulse streams.

9. Localization system as claimed in any of the foregoing claims, characterized in that the disrupting means is adapted to influence the pulse streams.

10. Localization system as claimed in any of the foregoing claims, characterized in

5 that the disrupting means is formed by a chip.

11. Localization system as claimed in any of the claims 1-9, characterized in that the disrupting means is formed by a coating.

10 12. Localization system as claimed in any of the foregoing claims, characterized in

that the localization system is provided with visual means communicating with the control unit for displaying the location of the detected disrupting means.

13. Localization system as claimed in claim 12, characterized in that the

15 communication between the control unit and the visual means takes place wirelessly via electromagnetic radiation.

14. Localization system as claimed in claim 12, characterized in that the

communication between the control unit and the visual means takes place wirelessly via

20 pulse streams.

15. Method for localizing objects or animals using a localization system as claimed in any of the claims 1-14, comprising the steps of:

A) generating an energy field, wherein the energy field is formed by one or more

25 pulse streams,

B) placing in the energy field at least one object or animal provided with at least one disrupting means for locally disrupting the energy field,

C) detecting the local disruption of the energy field, and

D) localizing the object or animal on the basis of the detected local disruption.

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16. Method as claimed in claim 15, characterized in that the method is provided

with a step E) comprising of visualizing the location of the object or animal after

localizing the object or animal on the basis of the detected local disruption as according to step D).

17. Method as claimed in claim 15 or 16, characterized in that while step B) is being performed a person provided with at least one disrupting means is placed in the energy field to locally disrupt the energy field.